

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
 Data File : BF102369.D
 Acq On : 24 Jan 2018 3:36
 Operator : SJ/JU
 Sample : J1250-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 24 04:34:24 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

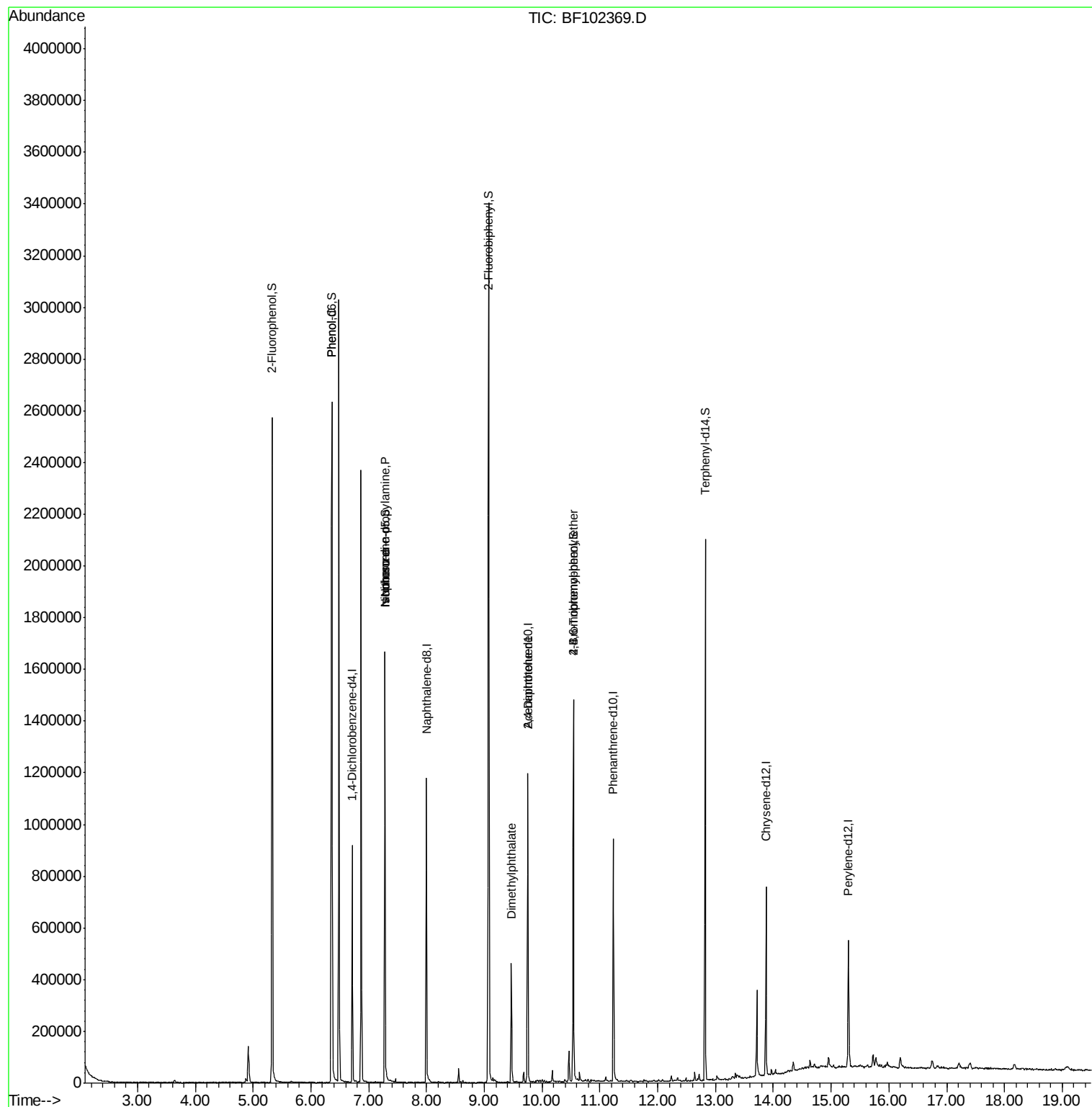
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	130357	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	534209	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	226327	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	327613	20.00	ng	0.00
75) Chrysene-d12	13.87	240	247441	20.00	ng	0.00
86) Perylene-d12	15.30	264	213072	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	821496	95.55	ng	0.00
7) Phenol-d6	6.36	99	989141	95.43	ng	0.00
23) Nitrobenzene-d5	7.28	82	614144	66.07	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	162203	72.33	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1078882	70.09	ng	0.00
78) Terphenyl-d14	12.82	244	697175	63.52	ng	0.00
Target Compounds						
10) Phenol	6.37	94	50675	4.478	ng	# 70
19) n-Nitroso-di-n-propylamine	7.28	70	81436	12.839	ng	# 80
25) Isophorone	7.28	82	606462	36.595	ng	# 64
49) Dimethylphthalate	9.47	163	174435	9.324	ng	# 99
56) 2,4-Dinitrotoluene	9.75	165	28353	5.716	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	11469	3.252	ng	# 1

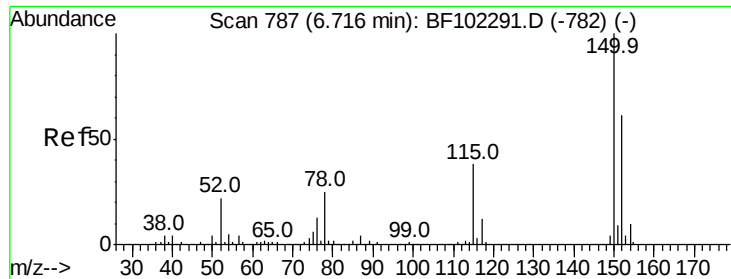
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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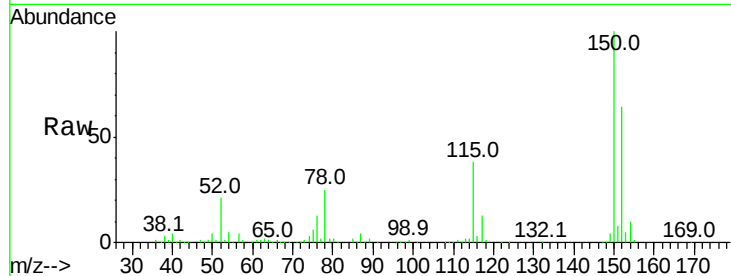


#1

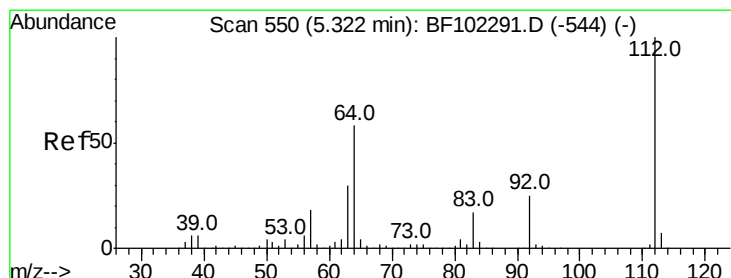
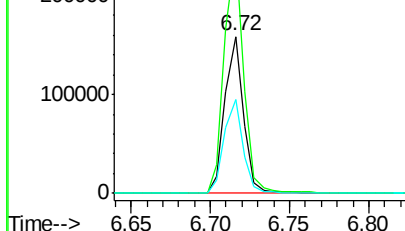
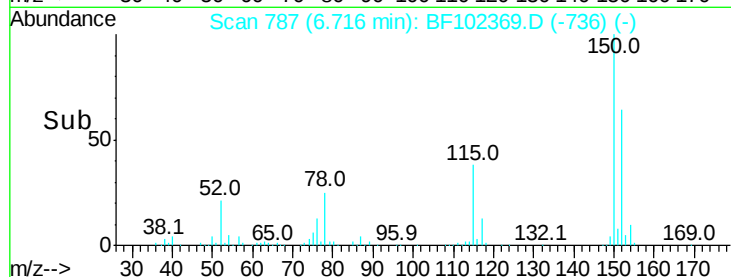
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102369.D
Acq: 24 Jan 2018 3:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	59.6	50.1	75.1



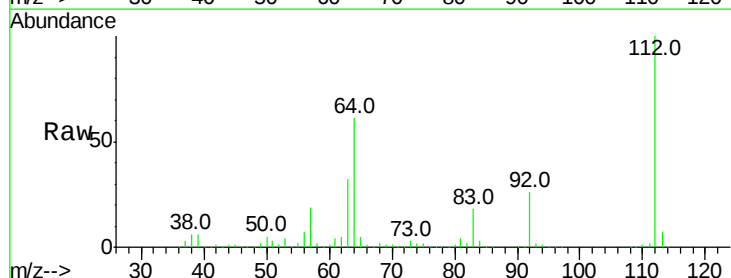
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



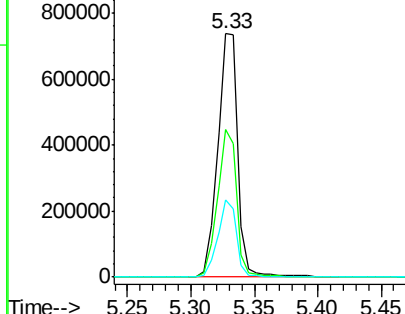
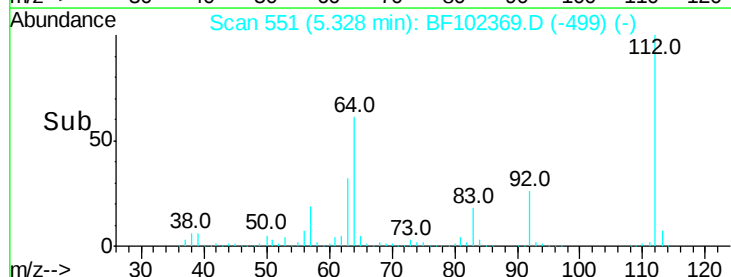
#5

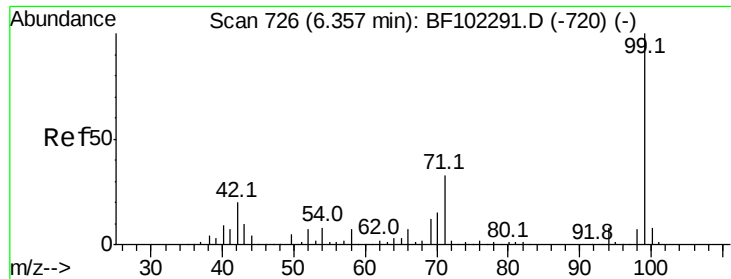
2-Fluorophenol
Concen: 95.553 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102369.D
Acq: 24 Jan 2018 3:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.9	71.9
63	31.5	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 95.433 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102369.D

Acq: 24 Jan 2018 3:36

Instrument :

BNA_F

ClientSampleId :

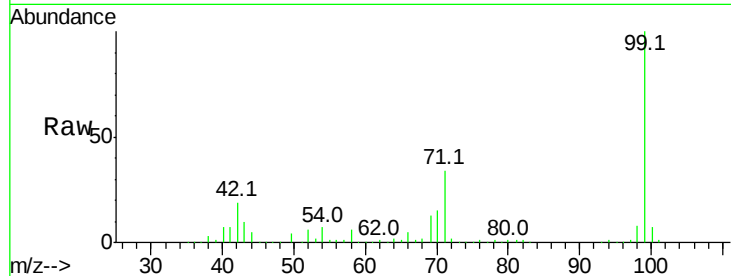
Tot Ion: 99 Resp: 989141

Ion Ratio Lower Upper

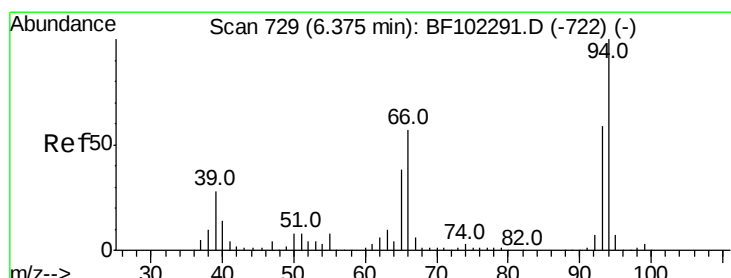
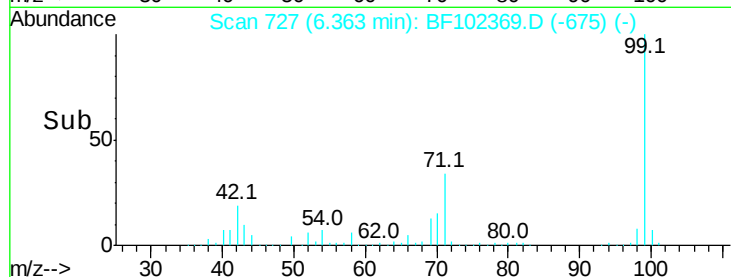
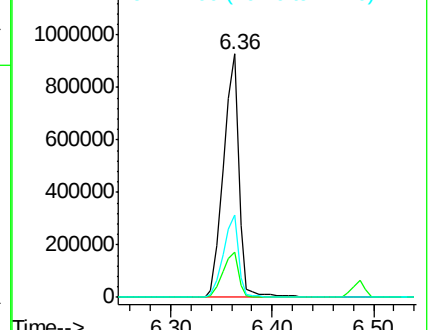
99 100

42 18.8 14.5 21.7

71 33.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.478 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102369.D

Acq: 24 Jan 2018 3:36

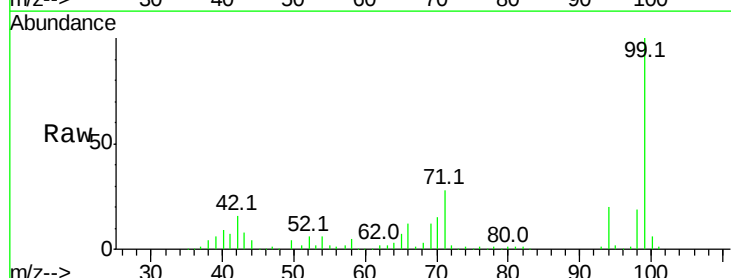
Tgt Ion: 94 Resp: 50675

Ion Ratio Lower Upper

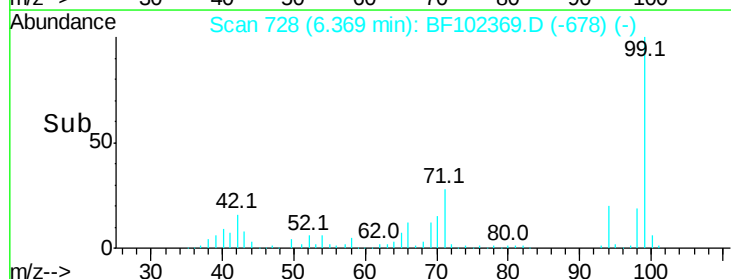
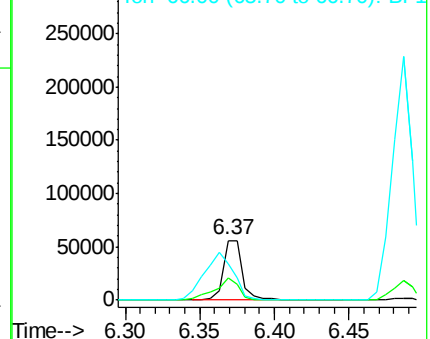
94 100

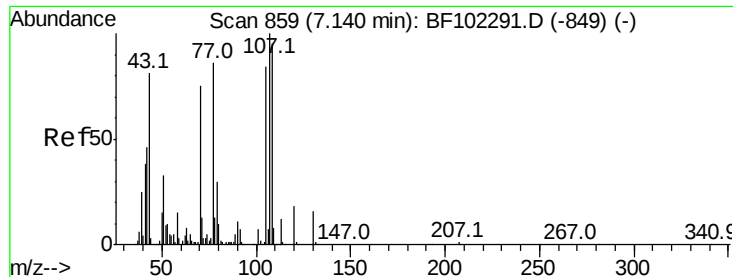
65 36.4 7.9 47.9

66 59.9 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

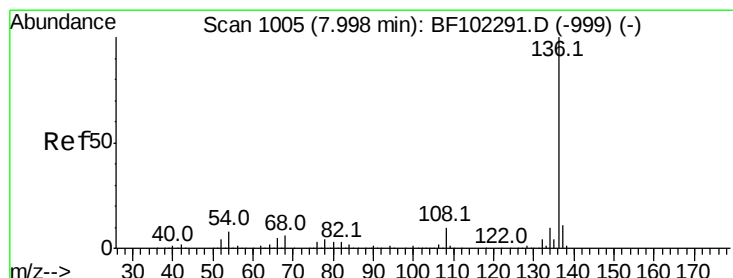
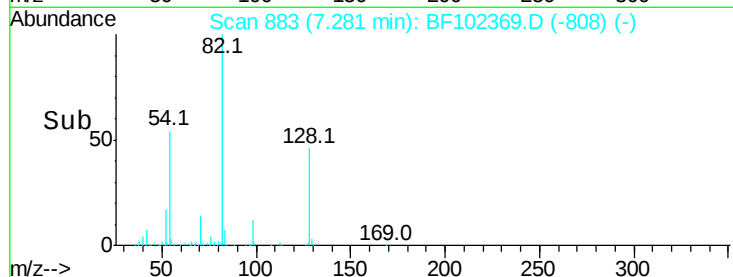
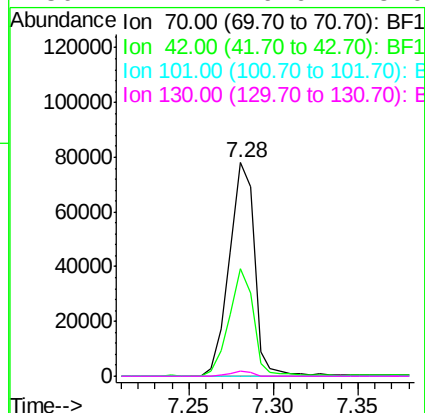
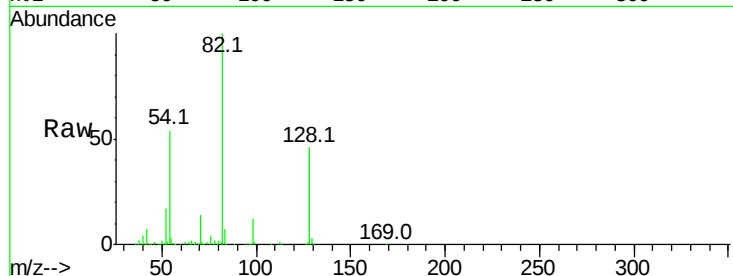




#19
n-Nitroso-di-n-propylamine
Concen: 12.839 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.14 min
Lab File: BF102369.D
Acq: 24 Jan 2018 3:36

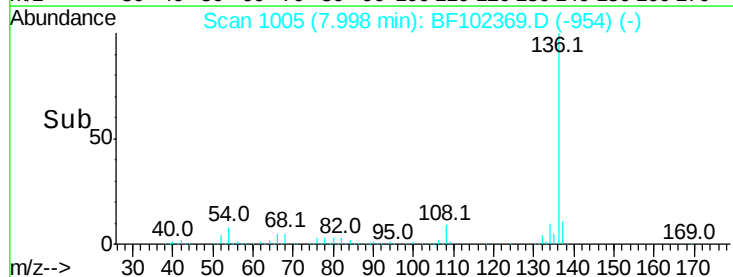
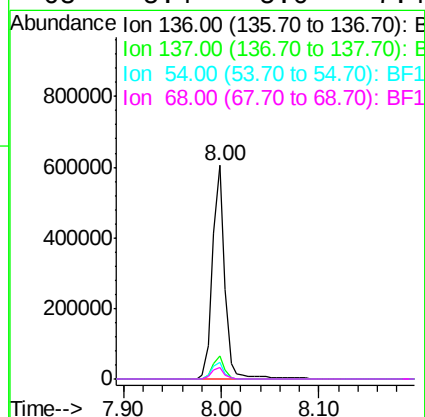
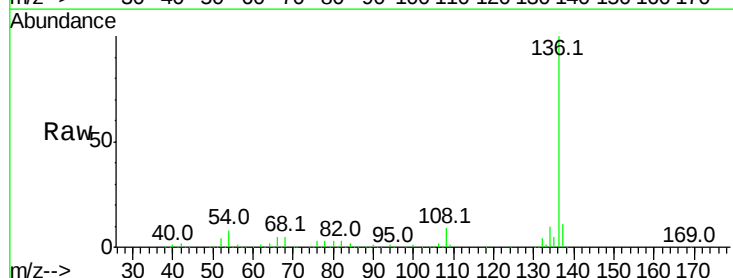
Instrument :
BNA_F
ClientSampled :

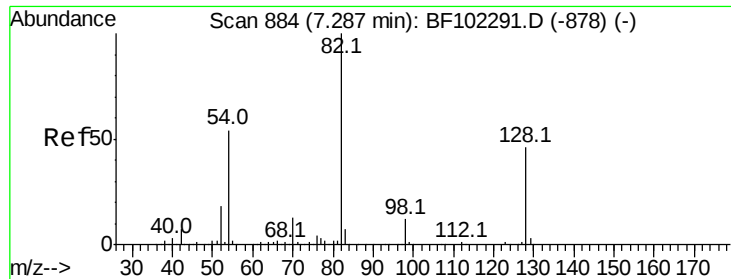
Tot Ion: 70 Resp: 81436
Ion Ratio Lower Upper
70 100
42 50.4 47.5 71.3
101 0.0 7.4 11.2#
130 2.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102369.D
Acq: 24 Jan 2018 3:36

Tgt Ion: 136 Resp: 534209
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.5 6.6 9.8
68 5.4 5.0 7.4

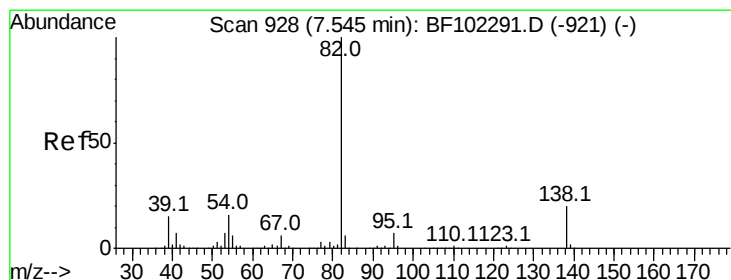
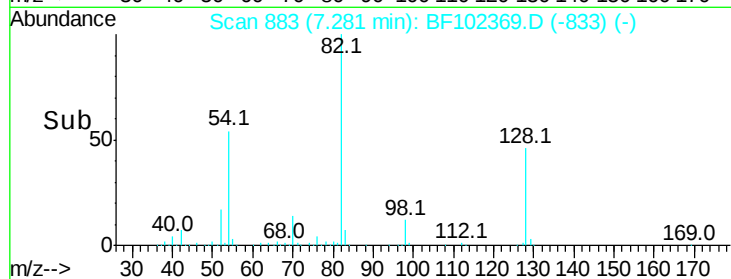
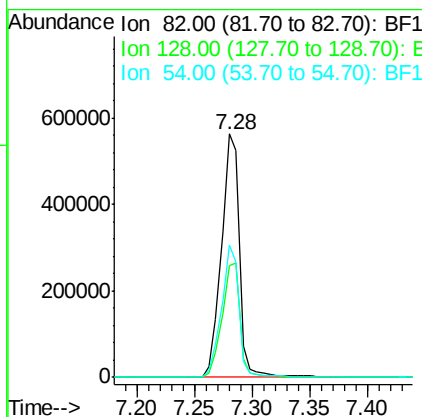
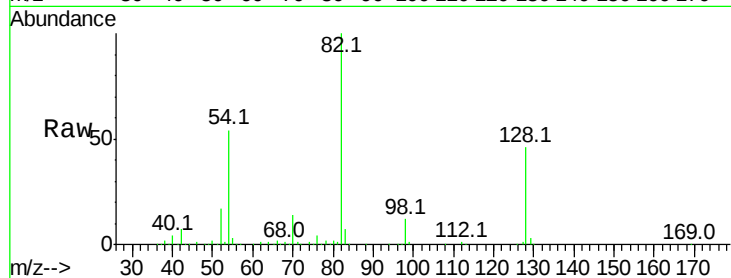




#23
 Nitrobenzene-d5
 Concen: 66.066 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102369.D
 Acq: 24 Jan 2018 3:36

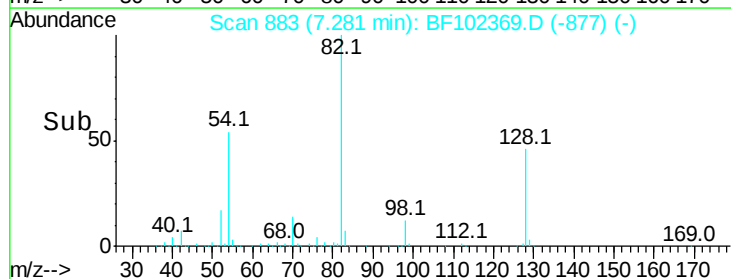
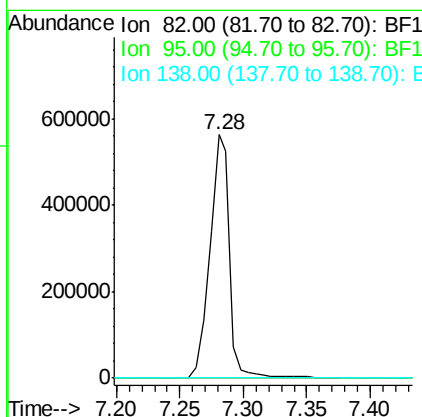
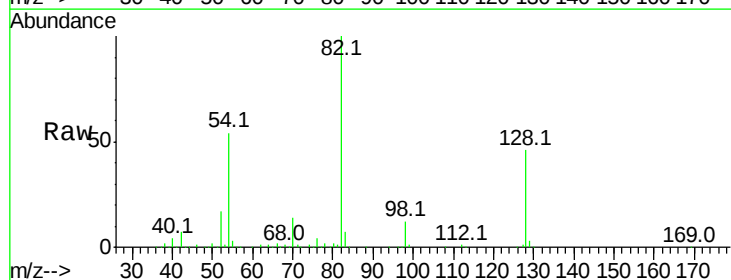
Instrument :
 BNA_F
 ClientSampleId :

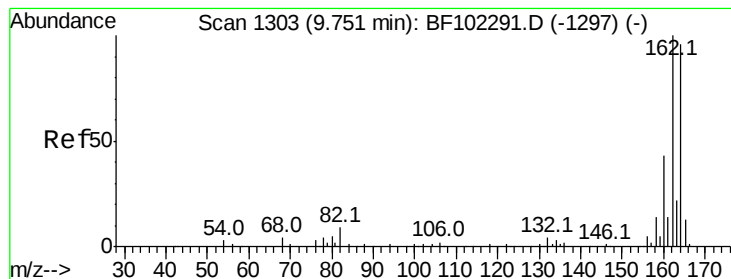
Tot Ion	82	Resp	614144
Ion Ratio	Lower	Upper	
82	100		
128	45.9	36.1	54.1
54	54.3	41.4	62.2



#25
 Isophorone
 Concen: 36.595 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.26 min
 Lab File: BF102369.D
 Acq: 24 Jan 2018 3:36

Tgt Ion	82	Resp	606462
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF102369.D

Acq: 24 Jan 2018 3:36

Instrument :

BNA_F

ClientSampleId :

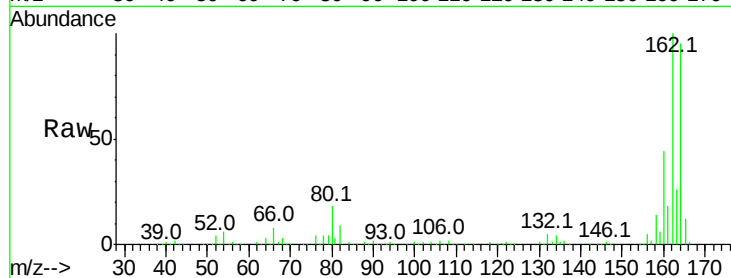
Tot Ion:164 Resp: 226327

Ion Ratio Lower Upper

164 100

162 105.0 86.1 129.1

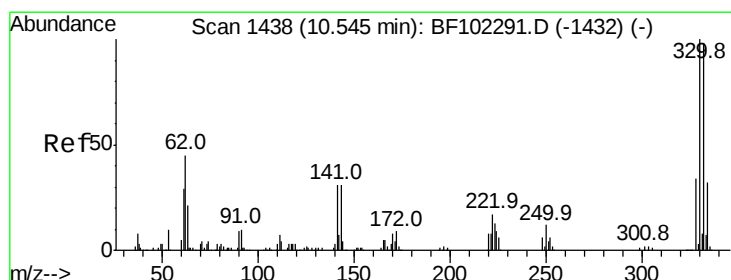
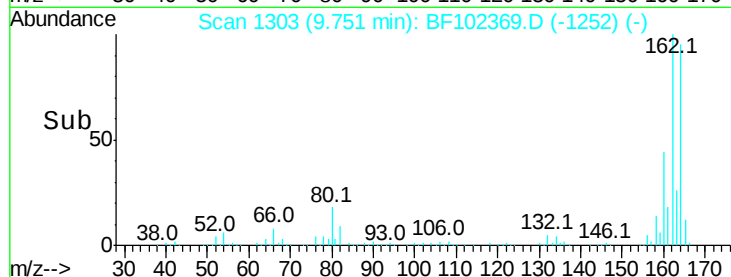
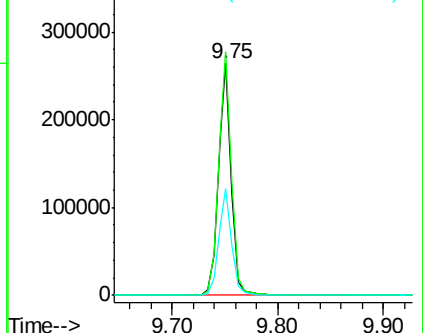
160 46.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 72.329 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102369.D

Acq: 24 Jan 2018 3:36

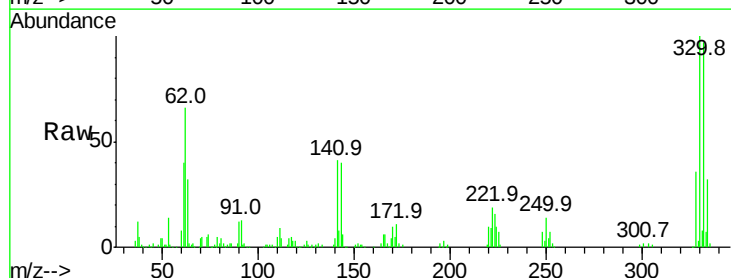
Tgt Ion:330 Resp: 162203

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

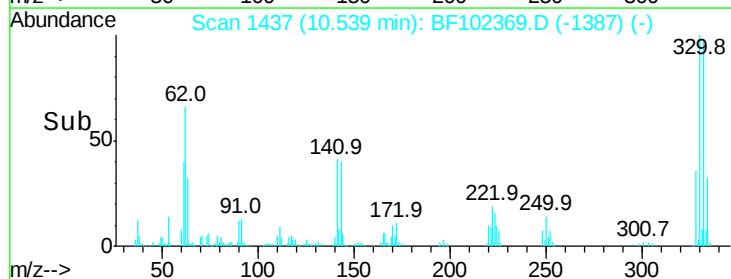
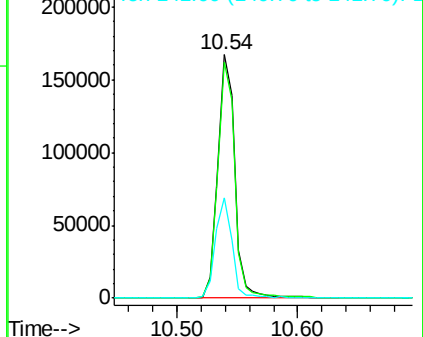
141 40.5 29.9 44.9

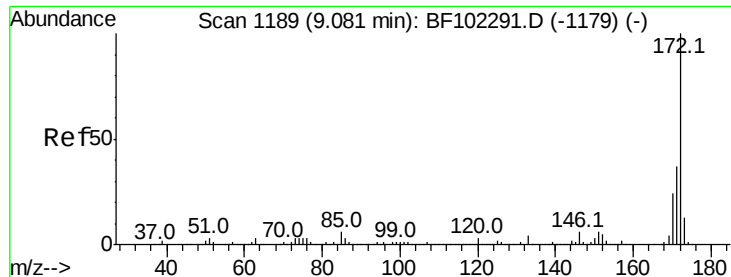


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

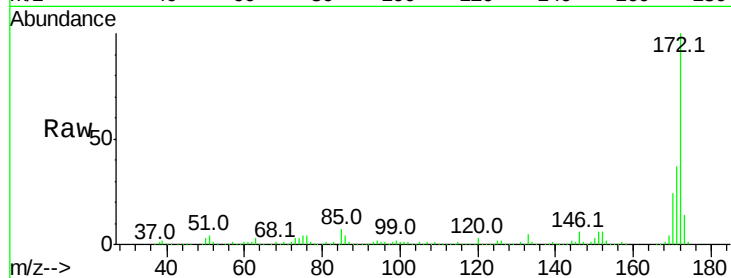




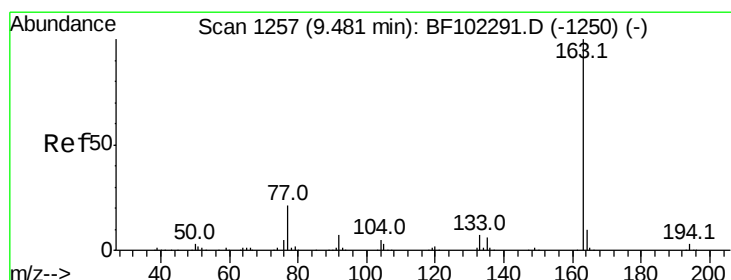
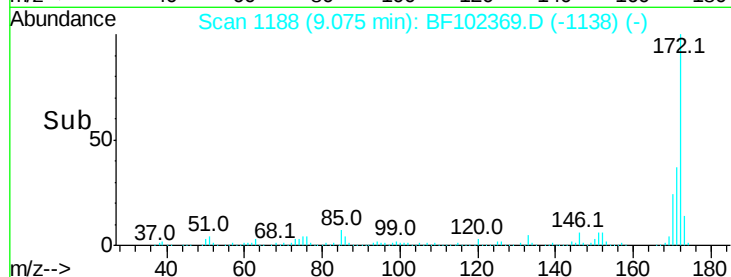
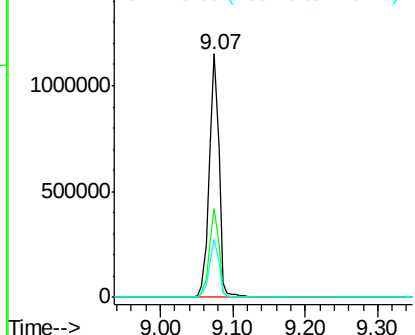
#44
2-Fluorobiphenyl
Concen: 70.090 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102369.D
Acq: 24 Jan 2018 3:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1078882
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 24.1 19.6 29.4

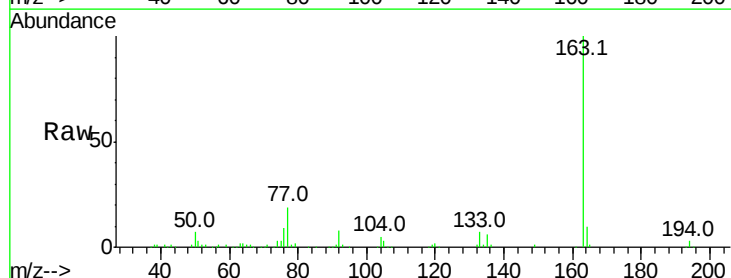


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

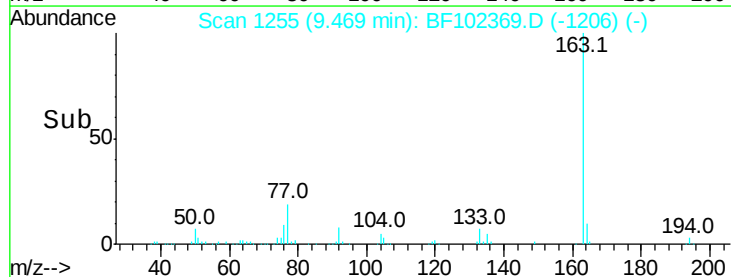
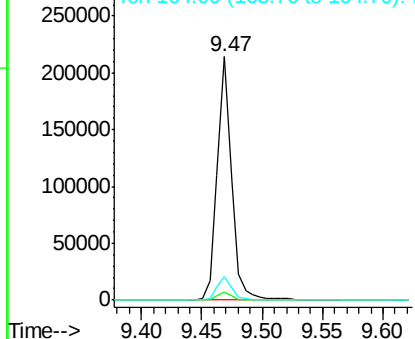


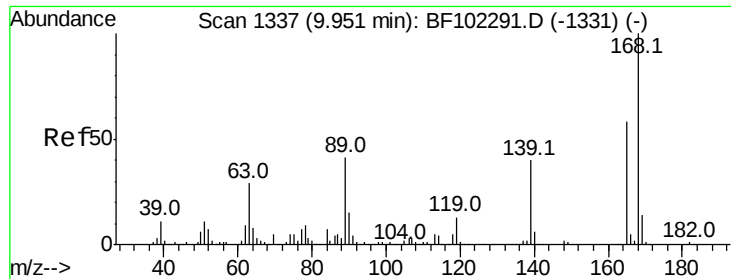
#49
Dimethylphthalate
Concen: 9.324 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102369.D
Acq: 24 Jan 2018 3:36

Tgt Ion:163 Resp: 174435
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

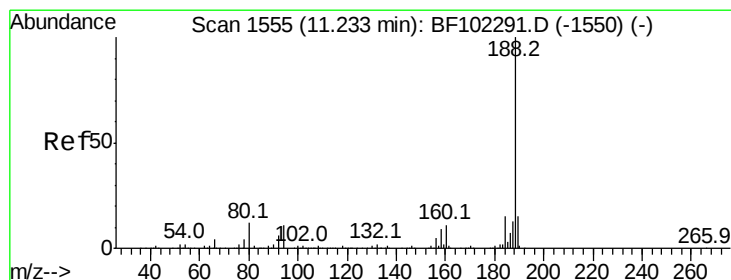
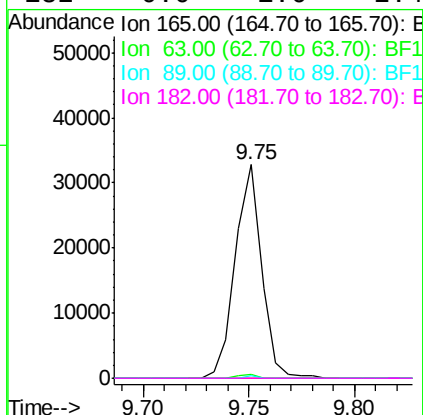
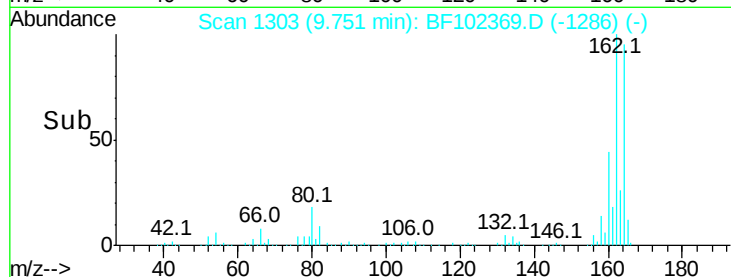
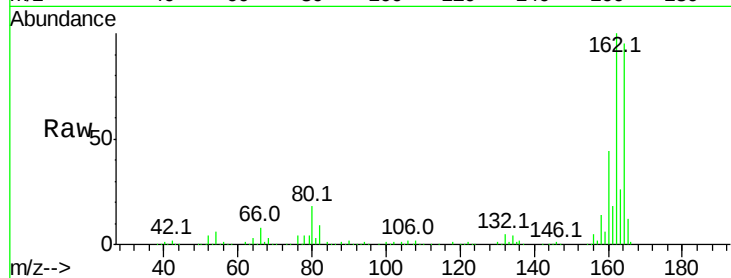




#56
 2,4-Dinitrotoluene
 Concen: 5.716 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF102369.D
 Acq: 24 Jan 2018 3:36

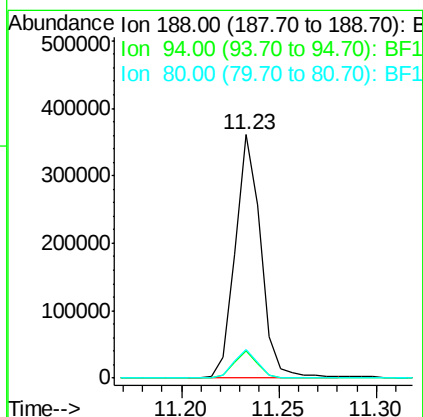
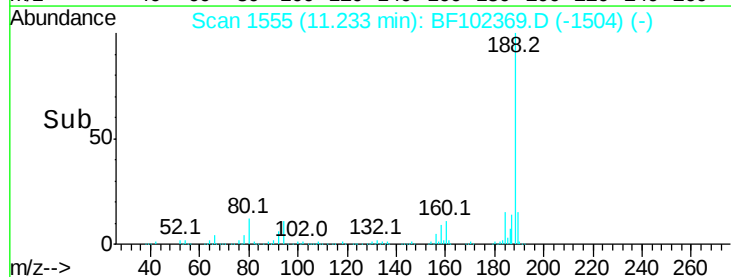
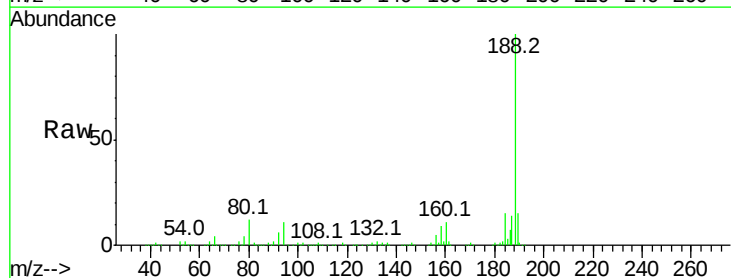
Instrument :
 BNA_F
 ClientSampled :

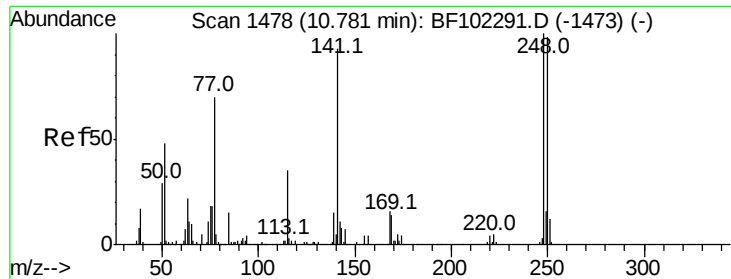
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF102369.D
 Acq: 24 Jan 2018 3:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	12.0	9.2	13.8

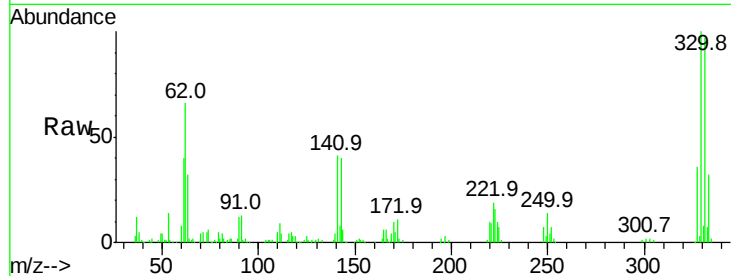




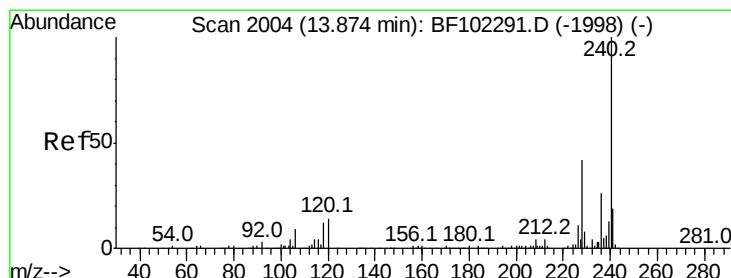
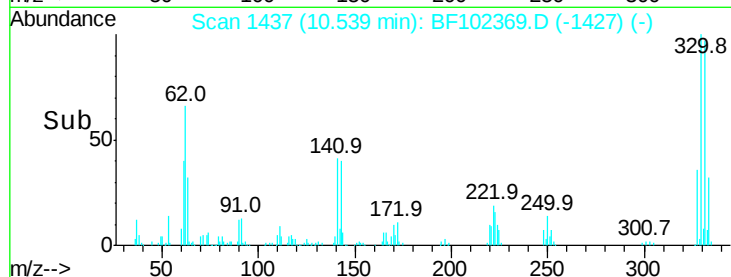
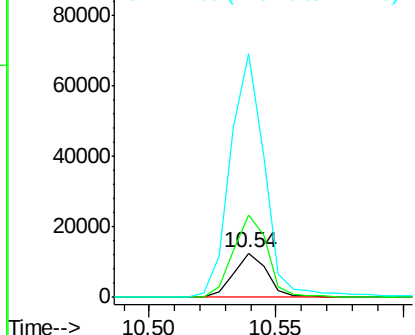
#66
 4-Bromophenyl-phenylether
 Concen: 3.252 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.24 min
 Lab File: BF102369.D
 Acq: 24 Jan 2018 3:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 11469
 Ion Ratio Lower Upper
 248 100
 250 188.0 76.9 115.3#
 141 551.7 74.4 111.6#

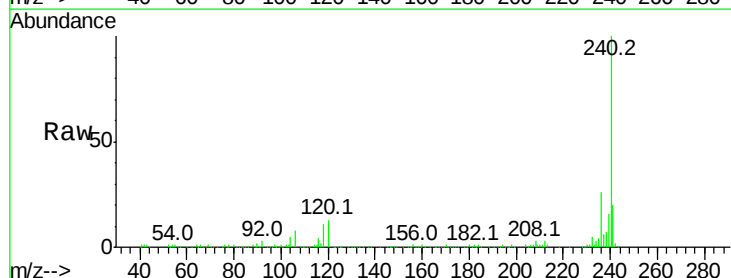


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

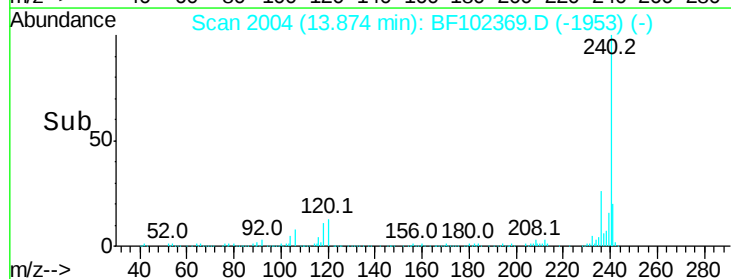
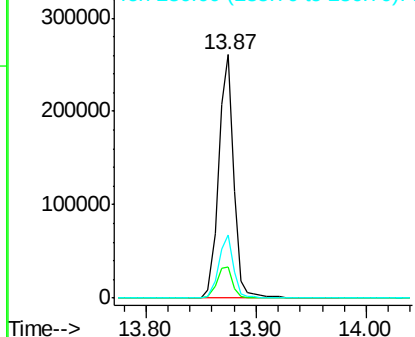


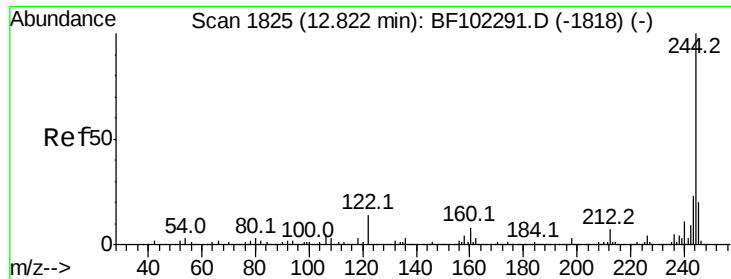
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.00 min
 Lab File: BF102369.D
 Acq: 24 Jan 2018 3:36

Tgt Ion:240 Resp: 247441
 Ion Ratio Lower Upper
 240 100
 120 12.8 9.5 14.3
 236 25.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 63.517 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102369.D

Acq: 24 Jan 2018 3:36

Instrument :

BNA_F

ClientSampleId :

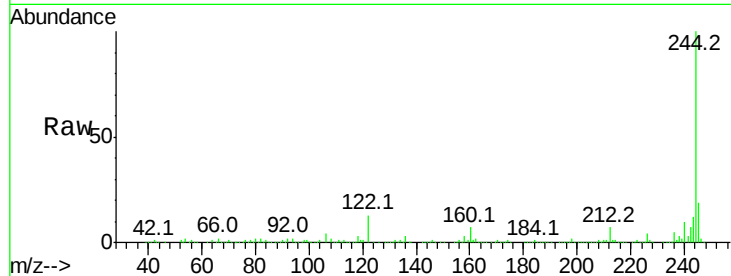
Tot Ion:244 Resp: 697175

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

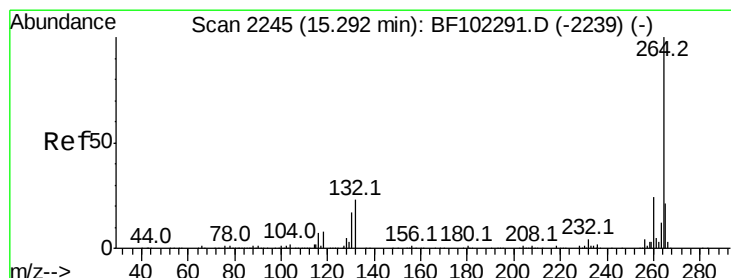
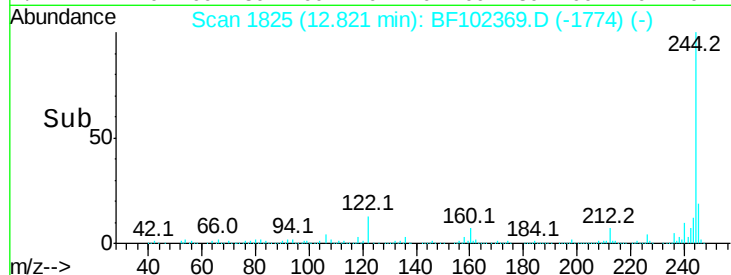
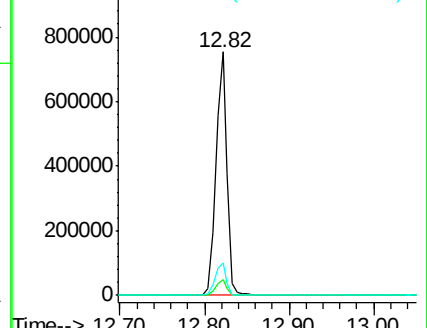
122 13.1 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2246

Delta R.T. 0.01 min

Lab File: BF102369.D

Acq: 24 Jan 2018 3:36

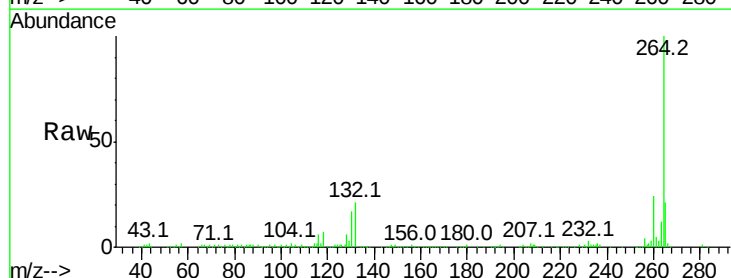
Tgt Ion:264 Resp: 213072

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.5 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

